

**BIOCOMPATIBLE POLYMERS  
FOR PHARMACEUTICAL DELIVERY SYSTEMS FOR AGENTS**

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**Abstract of the Disclosure**

Methods, compounds, and medicinal formulations utilizing biocompatible polymers for delivery of a drug, particularly for solubilizing, stabilizing and/or providing sustained release of drug from topical, implantable, and inhalation systems. Many of the methods, compounds, and medicinal formulations are particularly suitable for oral and/or nasal inhalation and use polymers of the formula  $-[X-R^1-C(O)]-$  wherein each  $R^1$  is an independently selected organic group that links the  $-X-$  group to the carbonyl group, and each  $X$  is independently oxygen, sulfur, or catenary nitrogen.

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